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REGISTERED ENVIRONMENTAL HEALTH SPECIALIST REQUIREMENTS

106635. The requirements for registration of environmental health specialists shall be a minimum of a bachelor's degree from a department approved educational institution or an educational institution of collegiate grade listed in the directory of accredited institutions of postsecondary education compiled by the American Council on Education, with coursework prescribed as follows:

Basic Requirements

- I. 30 semester or 45 quarter basic science units including each of the following:

General Chemistry Lecture and Laboratory
General Physics Lecture and Laboratory **or**
Organic Chemistry Lecture and Laboratory
General Microbiology Lecture and Laboratory
General Biological Science Lecture and Laboratory
Calculus or College Algebra

Experience Training

18 months 600 hours

- II. 45 semester or 68 quarter basic science units including the following:

one year 450 hours

Three of the required science courses shall include a laboratory:

General Chemistry
Organic Chemistry
General Physics
General Microbiology
General Biological Science
Calculus or College Algebra



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III. 30 semester or 45 quarter basic science units including each of the following: 9 months 300 hours

General Chemistry Lecture and Laboratory
General Physics Lecture and Laboratory **or**
Organic Chemistry Lecture and Laboratory
General Microbiology Lecture and Laboratory
General Biological Science Lecture and Laboratory
Calculus or College Algebra

Plus

Three semester or four quarter unit courses in each of the following:

Epidemiology
Statistics
Public Administration or Environmental Health Administration

And

10 semester or 15 quarter units in environmental health science including one or more of the following:

water quality, waste management, food and consumer protection, housing and institution sanitation, vector control, recreational health, air quality, milk and dairy products, occupational health, electromagnetic radiation, noise control, toxicology, soil science, or land use development.

IV. 45 semester or 68 quarter basic science units including the following: 6 months 200 hours

Three of the required science courses shall include a laboratory:

General Chemistry
Organic Chemistry
General Physics
General Microbiology
General Biological Science
Calculus or College Algebra

Plus

Three semester or four quarter unit courses in each of the following:

Epidemiology
Statistics
Public Administration or Environmental Health Administration

And

10 semester or 15 quarter units in environmental health science including one or more of the following:

water quality, waste management, food and consumer protection, housing and institution sanitation, vector control, recreational health, air quality, milk and dairy products, occupational health, electromagnetic radiation, noise control, toxicology, soil science, or land use development.

V. Possess a minimum of a bachelor's degree in environmental health from an institution approved by the committee which includes:

None
required

None
required

One year of lecture and laboratory coursework in each of the following:

General Chemistry
General Physics
General Biological Science

And

One semester course in each of the following:

Calculus or College Algebra
Organic Chemistry
General Microbiology with Laboratory
Public Administration or Environmental Health Administration
Epidemiology
Statistics
Field Orientation Course in Environmental Health

And

Fifteen semester units of environmental health science courses selected from the following:

water quality, waste management, food and consumer protection, housing and institution sanitation, vector control, recreational health, air quality, milk and dairy products, occupational health, electromagnetic radiation, noise control, toxicology, soil science, or land use development.

All basic science coursework including mathematics shall be equal to that acceptable in an approved environmental health degree program.*

*NOTE: A basic science is a course that provides the student an understanding of the fundamental principles of the subject. Science courses must normally be acceptable to a science degree. Courses designed only for liberal arts, general education, or non-science degrees are not acceptable. Remedial mathematics and science courses are not acceptable as meeting the basic science requirements. Credit will not be allowed for more than one course with essentially the same content. The general sciences must be integrative courses that

include those principles essential to the overall discipline. The remaining basic science courses may be limited to one or more divisions within the discipline and may be more descriptive in their approach.

College algebra (third year of algebra) is a course for which intermediate algebra or trigonometry shall normally be a prerequisite.